

ABSTRACT

A method and device for recovering electrical energy in a motor vehicle driven by at least one electric motor. A fuel cell powers the electric motor, which is supplied with fuel by a reformer, the fuel flow being controlled according to power consumption of the electric motor, and which temporarily produces an excess of fuel when the consumption of the electric motor falls. Moreover, the device includes an energy storage. The method calculates excess electric power that can be produced by the fuel cell and stores and distributes the excess fuel, during which the excess electric power is stored in a storage.